

=> d his

(FILE 'HOME' ENTERED AT 11:04:06 ON 29 SEP 2004)

FILE 'EUROPATFULL, FRFULL, PATDPAFULL, PCTFULL, RDISCLOSURE, USPATFULL, USPAT2' ENTERED AT 11:04:22 ON 29 SEP 2004

E SCHWARZ S/IN  
E SCHWARZ SIGFRID/IN

L1 73 S E3-E10  
L2 0 S L1 AND (ESTRA(4W)SULFAMATE#)  
L3 28 S L1 AND (SULFAMATE#)  
L4 28 S L3 AND (MG OR G OR DAY# OR DASGE# OR MG/DAY OR INTERVAL# OR  
L5 7 S L3 AND (MG OR G) (L) (DAY# OR DASGE#) (L) (INTERVAL# OR INTERMIT  
L6 21 S L3 AND (HORMONE(3A)THERAP? OR HRT OR MENOPAUS?)  
L7 5 S L6 AND (INTERVAL# OR INTERMIT?)  
E JENAPHARM/PA  
L8 265 S E3-E11  
L9 43 S (ESTRA(3W)TRIEN(S)SULFAMATE#) OR ESTROGEN(4A)SULFAMATE#  
L10 8 S L8 AND L9  
E SHERING AG/PA  
E SCHERING AG/PA  
L11 914 S E2-E12  
L12 3 S L11 AND L9  
L13 10 S (INTERVAL# OR INTERMIT?) (L) L9

FILE 'CAPLUS' ENTERED AT 12:27:06 ON 29 SEP 2004

L14 1 S US6583130/PN  
SELECT L14 1 RN  
L15 36150 S E1-E60

FILE 'REGISTRY' ENTERED AT 12:27:50 ON 29 SEP 2004

L16 1 S 329687-14-1/RN  
SET NOTICE 1 DISPLAY  
SET NOTICE LOGIN DISPLAY  
L17 0 S US5705495/PN

FILE 'CAPLUS' ENTERED AT 12:37:11 ON 29 SEP 2004

L18 1 S US5705495/PN  
SELECT L18 1 RN  
L19 10677 S E61-E72

FILE 'REGISTRY' ENTERED AT 12:37:55 ON 29 SEP 2004

L20 1 S 148672-09-7/RN  
SET NOTICE 1 DISPLAY  
SET NOTICE LOGIN DISPLAY

FILE 'CAPLUS' ENTERED AT 12:48:08 ON 29 SEP 2004

L21 119 S L20 OR ESTRONE(2W)SULFAMATE OR ESTR(2W)SULFAMATE  
L22 1 S L21(L) (INTERVAL# OR INTERMIT?)  
L23 297 S L19 AND (INTERVAL# OR INTERMIT?)  
L24 1 S L21 AND (INTERVAL# OR INTERMIT?)  
L25 12 S L21 AND (MG OR G) (L) (DAY# OR DASGE#)  
L26 12 S L21 AND (MG OR G) (L) (DAY#)  
L27 9 S L21 AND (MG OR G) (L) (DAY#) (L) (DOS?)

FILE 'USPATFULL, USPAT2' ENTERED AT 12:57:44 ON 29 SEP 2004

L28 63 S L27  
L29 19 S L21 AND (INTERVAL# OR INTERMIT?)

FILE 'IMSDRUGNEWS, IMSRESEARCH, MEDLINE, PHAR' ENTERED AT 13:14:13 ON 29 SEP 2004

L30 0 S L29  
L31 56 S ESTRONE(2W)SULFAMATE OR ESTR(2W)SULFAMATE  
L32 0 S L31 AND (INTERVAL# OR INTERMIT?)  
L33 59 S L21  
L34 23 S L33 NOT PY>=1999

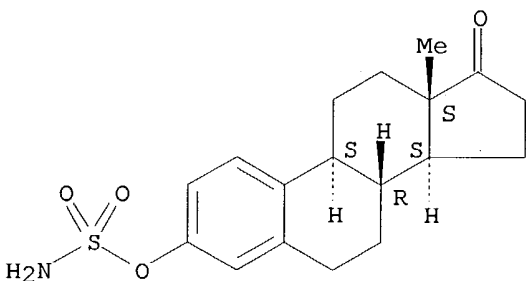
L20 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN  
RN **148672-09-7** REGISTRY  
CN Estrone-1,3,5(10)-trien-17-one, 3-[(aminosulfonyl)oxy]- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN EMATE  
CN Estrone 3-O-sulfamate  
CN Estrone 3-sulfamate  
CN Estrone O-sulfamate  
CN Estrone sulfamate  
FS STEREOSEARCH  
DR 185800-27-5  
MF C18 H23 N O4 S  
SR CA  
LC STN Files: BIOBUSINESS, BIOSIS, CA, CANCERLIT, CAPLUS, CASREACT, CHEMCATS, CSCHM, IMSDRUGNEWS, IMSRESEARCH, MEDLINE, PHAR, SYNTHLINE, TOXCENTER, USPAT2, USPATFULL

DT.CA Caplus document type: Conference; Journal; Patent; Report  
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
RLD.P Roles for non-specific derivatives from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)  
RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)  
RLD.NP Roles for non-specific derivatives from non-patents: BIOL (Biological study); PRP (Properties); USES (Uses)

Absolute stereochemistry. Rotation (+).



*Instant Compounds*

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

87 REFERENCES IN FILE CA (1907 TO DATE)  
5 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
87 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d ibib 1-3

L12 ANSWER 1 OF 3 PCTFULL COPYRIGHT 2004 Univentio on STN  
ACCESSION NUMBER: 2003015792 PCTFULL ED 20030313 EW 200309  
TITLE (ENGLISH): ANTI-TUMOUR 2-ALKOXYESTRADIOL SULFAMATES  
TITLE (FRENCH): SULFAMATES DE 2-ALKOXYESTRADIOL PRESENTANT UNE ACTION  
ANTITUMORALE  
TITLE (GERMAN): ANTITUMOR WIRKSAME 2-ALKOXYESTRADIOLSULFAMATE  
INVENTOR(S): SCHERLITZ-HOFMANN, Ina, Sonnenstrasse 43, 14612  
Falkensee, DE;  
HOFFMANN, Jens, Walterstrasse 13, 16567 Muehlenbeck,  
DE;  
HILLISCH, Alexander, Herderstrasse 28, 07743 Jena, DE;  
UNGER, Eberhard, Rosenweg 19, 07751 Cospeda, DE;  
NEUMANN, Tobias, Johannisstrasse 24, 07743 Jena, DE;  
SCHWARZ, Sigfrid, Ottogerd-Muehlmann-Strasse 17, 07743  
Jena, DE;  
PETERS, Olaf, Am Birnstiel 22, 07745 Jena, DE;  
MICHEL, Thomas, Coppistrasse 89, 04157 Leipzig, DE  
PATENT ASSIGNEE(S): **SCHERING AG, Muellerstrasse 178, 13353 Berlin, DE**  
**[DE, DE]**  
AGENT: ZIEBIG, Marlene, K.\$, Patentanwaelte Gulde Hengelhaupt  
Ziebig & Schneider, Schuetzenstrasse 15 - 17, 10117  
Berlin\$, DE  
LANGUAGE OF FILING: German  
LANGUAGE OF PUBL.: German  
DOCUMENT TYPE: Patent  
PATENT INFORMATION:

NUMBER	KIND	DATE
WO 2003015792	A1	20030227

DESIGNATED STATES

W:

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR  
CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL  
IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK  
SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

RW (ARIPO):

GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

RW (EAPO):

AM AZ BY KG KZ MD RU TJ TM

RW (EPO):

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC  
NL PT SE SK TR

RW (OAPI):

BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

APPLICATION INFO.:

WO 2002-EP8597 A 20020801

PRIORITY INFO.:

DE 2001-101 39 494.2 20010813

L12 ANSWER 2 OF 3 USPATFULL on STN

ACCESSION NUMBER: 2003:244932 USPATFULL

TITLE: Industrially applicable process for the sulfamoylation  
of alcohols and phenols

INVENTOR(S): Geisler, Jens, Berlin, GERMANY, FEDERAL REPUBLIC OF  
Schneider, Frank, Schonfliess, GERMANY, FEDERAL  
REPUBLIC OF

Holguin, Fernando Lopez, Schmachtenhagen, GERMANY,  
FEDERAL REPUBLIC OF

Lovis, Kai, Berlin, GERMANY, FEDERAL REPUBLIC OF

PATENT ASSIGNEE(S): **Schering AG, Berlin, GERMANY, FEDERAL**  
**REPUBLIC OF (non-U.S. corporation)**

NUMBER	KIND	DATE
US 2003171346	A1	20030911
US 2002-326262	A1	20021223 (10)

PATENT INFORMATION:

APPLICATION INFO.:

NUMBER	DATE
US 2001-341877P	20011221 (60)

UTILITY  
APPLICATION

PRIORITY INFORMATION:

DOCUMENT TYPE:

FILE SEGMENT:

LEGAL REPRESENTATIVE: MILLEN, WHITE, ZELANO & BRANIGAN, P.C., 2200 CLARENDON  
BLVD., SUITE 1400, ARLINGTON, VA, 22201  
NUMBER OF CLAIMS: 17  
EXEMPLARY CLAIM: 1  
LINE COUNT: 250  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 3 OF 3 USPATFULL on STN

ACCESSION NUMBER: 2003:146797 USPATFULL  
TITLE: Antitumor wirksame 2-alkoxyestradiolsulfamate  
INVENTOR(S): Scherlitz-Hofmann, Ina, Falkensee, GERMANY, FEDERAL  
REPUBLIC OF  
Hoffmann, Jens, Muehlenbeck, GERMANY, FEDERAL REPUBLIC  
OF  
Hillisch, Alexander, Jena, GERMANY, FEDERAL REPUBLIC OF  
Unger, Eberhard, Cospeda, GERMANY, FEDERAL REPUBLIC OF  
Neumann, Tobias, Jena, GERMANY, FEDERAL REPUBLIC OF  
Schwarz, Sigfrid, Jena, GERMANY, FEDERAL REPUBLIC OF  
Peters, Olaf, Jena, GERMANY, FEDERAL REPUBLIC OF  
Michel, Thomas, Leipzig, GERMANY, FEDERAL REPUBLIC OF  
PATENT ASSIGNEE(S): **Schering AG**, Berlin, GERMANY, FEDERAL  
REPUBLIC OF (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003100544	A1	20030529
APPLICATION INFO.:	US 2002-217165	A1	20020813 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	DE 2001-139494	20010813
	US 2002-382974P	20020523 (60)

DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: MILLEN, WHITE, ZELANO & BRANIGAN, P.C., 2200 CLARENDON  
BLVD., SUITE 1400, ARLINGTON, VA, 22201  
NUMBER OF CLAIMS: 11  
EXEMPLARY CLAIM: 1  
LINE COUNT: 859  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d ibib 1-10

L13 ANSWER 1 OF 10 EUROPATFULL COPYRIGHT 2004 WILA on STN

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

ACCESSION NUMBER: 1358882 EUROPATFULL EW 200345 FS OS  
TITLE: Use of estriol sulfamate prodrugs for the treatment of autoimmune diseases.  
Verwendung von Prodrogue von Estriol sulfamate zur Behandlung von autoimmunischen Erkrankungen.  
Utilisation des prodrogues d'estriol sulfamate pour traiter les maladies autoimmunisees.  
INVENTOR(S): Elger, Walter, Schorlemerallee 12B, 14195 Berlin, DE;  
Reddersen, Gudrun, Friedrich-Engels-Strasse 10, 07749 Jena, DE;  
Schneider, Birgitt, Damaschkeweg 19, 07745 Jena, DE;  
Von Keyserlingk, Harald, Markgrafenstrasse 38, 13465 Berlin, DE;  
Dahlke, Frank, Quermatenweg 12a, 14163 Berlin, DE;  
Schwarz, Sigfrid, Ottogerd-Muehlmann Strasse 17, 07743 Jena, DE  
PATENT ASSIGNEE(S): Schering Aktiengesellschaft, Muellerstrasse 178, 13353 Berlin, DE  
PATENT ASSIGNEE NO: 201580  
OTHER SOURCE: MEPA2003084 EP 1358882 A1 0016  
SOURCE: Wila-EPZ-2003-H45-T1b  
DOCUMENT TYPE: Patent  
LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch  
DESIGNATED STATES: R AT; R BE; R CH; R CY; R DE; R DK; R ES; R FI; R FR; R GB; R GR; R IE; R IT; R LI; R LU; R MC; R NL; R PT; R SE; R TR; R AL; R LT; R LV; R MK; R RO; R SI  
PATENT INFO.PUB.TYPE: EPA1 EUROPAEISCHE PATENTANMELDUNG  
PATENT INFORMATION:

PATENT NO	KIND	DATE
EP 1358882	A1	20031105
		20031105
EP 2002-90161		20020430

'OFFENLEGUNGS' DATE:  
APPLICATION INFO.:

L13 ANSWER 2 OF 10 PCTFULL COPYRIGHT 2004 Univentio on STN  
ACCESSION NUMBER: 2001052857 PCTFULL ED 20020827  
TITLE (ENGLISH): DROSPIRENONE FOR HORMONE REPLACEMENT THERAPY  
TITLE (FRENCH): DROSPIRENONE POUR THERAPIE DE REMPLACEMENT D'HORMONE  
INVENTOR(S): HEIL, Wolfgang;  
HILMANN, Juergen;  
LIPP, Ralph;  
SCHUERMANN, Rolf  
PATENT ASSIGNEE(S): SCHERING AKTIENGESELLSCHAFT;  
HEIL, Wolfgang;  
HILMANN, Juergen;  
LIPP, Ralph;  
SCHUERMANN, Rolf  
DOCUMENT TYPE: Patent  
PATENT INFORMATION:

NUMBER	KIND	DATE
WO 2001052857	A1	20010726

DESIGNATED STATES  
W:

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU  
CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW MZ SD  
SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY  
DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF BJ CF  
CG CI CM GN GW ML MR NE SN TD TG  
APPLICATION INFO.: WO 2001-IB41 A 20010118

PRIORITY INFO.: EP 2000-00200183.2 20000118  
US 2000-09/484,026 20000118

L13 ANSWER 3 OF 10 PCTFULL COPYRIGHT 2004 Univentio on STN  
ACCESSION NUMBER: 2000018397 PCTFULL ED 20020515  
TITLE (ENGLISH): COMPOUNDS FOR THE TREATMENT OF ESTROGEN-DEPENDENT  
ILLNESSES AND METHODS FOR MAKING AND USING THE SAME  
TITLE (FRENCH): COMPOSES DESTINES AU TRAITEMENT DE MALADIES LIEES AUX  
OESTROGENES, PROCEDES DE PRODUCTION ET METHODES  
D'UTILISATION  
INVENTOR(S): LI, Pui-Kai;  
SELCER, Kyle, W.  
PATENT ASSIGNEE(S): DUQUESNE UNIVERSITY OF THE HOLY GHOST  
LANGUAGE OF PUBL.: English  
DOCUMENT TYPE: Patent  
PATENT INFORMATION:

NUMBER	KIND	DATE
WO 2000018397	A1	20000406

DESIGNATED STATES  
W:

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE  
DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE  
KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO  
NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG  
UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ  
BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR  
IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR  
NE SN TD TG

APPLICATION INFO.: WO 1999-US22823 A 19990930  
PRIORITY INFO.: US 1998-09/164,889 19981001

L13 ANSWER 4 OF 10 PCTFULL COPYRIGHT 2004 Univentio on STN  
ACCESSION NUMBER: 2000006175 PCTFULL ED 20020515  
TITLE (ENGLISH): USE OF BIOGENIC **ESTROGEN SULFAMATES**  
FOR HORMONE REPLACEMENT THERAPY  
TITLE (FRENCH): UTILISATION DE SULFAMATES D'OESTROGENES BIOGENES POUR  
L'HORMONOTHERAPIE SUBSTITUTIVE  
INVENTOR(S): ELGER, Walter;  
LAeHTEENMAeKI, Pekka;  
LEHTINEN, Matti;  
REDDERSEN, Gudrun;  
ZIMMERMANN, Holger;  
OETTEL, Michael;  
SCHWARZ, Sigfrid  
PATENT ASSIGNEE(S): JENAPHARM GMBH & CO. KG;  
ELGER, Walter;  
LAeHTEENMAeKI, Pekka;  
LEHTINEN, Matti;  
REDDERSEN, Gudrun;  
ZIMMERMANN, Holger;  
OETTEL, Michael;  
SCHWARZ, Sigfrid  
LANGUAGE OF PUBL.: German  
DOCUMENT TYPE: Patent  
PATENT INFORMATION:

NUMBER	KIND	DATE
WO 2000006175	A1	20000210

DESIGNATED STATES  
W:

AL AU BA BB BG BR CA CN CU CZ EE GE HU ID IL IS JP KP  
KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL  
TR TT UA US UZ VN YU ZA GH GM KE LS MW SD SL SZ UG ZW  
AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR  
GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW  
ML MR NE SN TD TG

APPLICATION INFO.: WO 1999-DE1496 A 19990513  
PRIORITY INFO.: DE 1998-198 34 931.9 19980728

L13 ANSWER 5 OF 10 USPATFULL on STN

ACCESSION NUMBER: 2004:88946 USPATFULL

TITLE: Use of biogenic estriol sulfamate prodrugs for treatment of autoimmune diseases

INVENTOR(S): Elger, Walter, Berlin, GERMANY, FEDERAL REPUBLIC OF  
Reddersen, Gudrun, Jena, GERMANY, FEDERAL REPUBLIC OF  
Schneider, Birgitt, Jena, GERMANY, FEDERAL REPUBLIC OF  
Von Keyserlingk, Harald, Berlin, GERMANY, FEDERAL  
REPUBLIC OF  
Dahlke, Frank, Berlin, GERMANY, FEDERAL REPUBLIC OF  
Schwarz, Sigfrid, Jena, GERMANY, FEDERAL REPUBLIC OF

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004067923	A1	20040408
APPLICATION INFO.:	US 2003-374709	A1	20030227 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	EP 2002-90161	20020430
	US 2002-359650P	20020227 (60)

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: MILLEN, WHITE, ZELANO & BRANIGAN, P.C., 2200 CLARENDON  
BLVD., SUITE 1400, ARLINGTON, VA, 22201

NUMBER OF CLAIMS: 11

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 3 Drawing Page(s)

LINE COUNT: 571

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 6 OF 10 USPATFULL on STN

ACCESSION NUMBER: 2004:19477 USPATFULL

TITLE: Compounds with sulphonamide group and pharmaceutical compositions containing these compounds

INVENTOR(S): Elger, Walter, Berlin, GERMANY, FEDERAL REPUBLIC OF  
Hillisch, Alexander, Jena, GERMANY, FEDERAL REPUBLIC OF  
Hedden, Annemarie, Hamburg, GERMANY, FEDERAL REPUBLIC  
OF  
Schwarz, Sigfrid, Jena, GERMANY, FEDERAL REPUBLIC OF  
Schollkopf, Klaus, Berlin, GERMANY, FEDERAL REPUBLIC OF

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004014781	A1	20040122
APPLICATION INFO.:	US 2003-296973	A1	20030801 (10)
	WO 2001-EP5169		20010508

	NUMBER	DATE
PRIORITY INFORMATION:	DE 2000-100	20000531

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: MILLEN, WHITE, ZELANO & BRANIGAN, P.C., 2200 CLARENDON  
BLVD., SUITE 1400, ARLINGTON, VA, 22201

NUMBER OF CLAIMS: 26

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 5 Drawing Page(s)

LINE COUNT: 683

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 7 OF 10 USPATFULL on STN

ACCESSION NUMBER: 2004:13438 USPATFULL

TITLE: Drospirenone for hormone replacement therapy

INVENTOR(S): Heil, Wolfgang, Berlin, GERMANY, FEDERAL REPUBLIC OF  
Hilman, Juergen, Berlin, GERMANY, FEDERAL REPUBLIC OF  
Lipp, Ralph, Berlin, GERMANY, FEDERAL REPUBLIC OF  
Schuermann, Rolf, Berlin, GERMANY, FEDERAL REPUBLIC OF

PATENT ASSIGNEE(S): Schering Aktiengesellschaft, Berlin, GERMANY, FEDERAL  
REPUBLIC OF (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004009960	A1	20040115
APPLICATION INFO.:	US 2003-359062	A1	20030206 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2001-757688, filed on 11 Jan 2001, PENDING		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	MILLEN, WHITE, ZELANO & BRANIGAN, P.C., 2200 CLARENDON BLVD., SUITE 1400, ARLINGTON, VA, 22201		
NUMBER OF CLAIMS:	76		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1387		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L13 ANSWER 8 OF 10 USPATFULL on STN

ACCESSION NUMBER: 2003:207897 USPATFULL  
TITLE: Drospirenone for hormone replacement therapy  
INVENTOR(S): Heil, Wolfgang, Berlin, GERMANY, FEDERAL REPUBLIC OF  
Hilman, Juergen, Berlin, GERMANY, FEDERAL REPUBLIC OF  
Lipp, Ralph, Berlin, GERMANY, FEDERAL REPUBLIC OF  
Schuermann, Rolf, Berlin, GERMANY, FEDERAL REPUBLIC OF  
PATENT ASSIGNEE(S): Schering Aktiengesellschaft, Berlin, GERMANY, FEDERAL  
REPUBLIC OF, D (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003144258	A1	20030731
APPLICATION INFO.:	US 2003-359085	A1	20030206 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2001-757688, filed on 11 Jan 2001, PENDING		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	MILLEN, WHITE, ZELANO & BRANIGAN, P.C., 2200 CLARENDON BLVD., SUITE 1400, ARLINGTON, VA, 22201		
NUMBER OF CLAIMS:	76		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1369		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L13 ANSWER 9 OF 10 USPATFULL on STN

ACCESSION NUMBER: 2003:146797 USPATFULL  
TITLE: Antitumor wirksame 2-alkoxyestradiolsulfamate  
INVENTOR(S): Scherlitz-Hofmann, Ina, Falkensee, GERMANY, FEDERAL  
REPUBLIC OF  
Hoffmann, Jens, Muehlenbeck, GERMANY, FEDERAL REPUBLIC  
OF  
Hillisch, Alexander, Jena, GERMANY, FEDERAL REPUBLIC OF  
Unger, Eberhard, Cospeda, GERMANY, FEDERAL REPUBLIC OF  
Neumann, Tobias, Jena, GERMANY, FEDERAL REPUBLIC OF  
Schwarz, Sigfrid, Jena, GERMANY, FEDERAL REPUBLIC OF  
Peters, Olaf, Jena, GERMANY, FEDERAL REPUBLIC OF  
Michel, Thomas, Leipzig, GERMANY, FEDERAL REPUBLIC OF  
PATENT ASSIGNEE(S): Schering AG, Berlin, GERMANY, FEDERAL REPUBLIC OF  
(non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003100544	A1	20030529
APPLICATION INFO.:	US 2002-217165	A1	20020813 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	DE 2001-139494	20010813
	US 2002-382974P	20020523 (60)



DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: MILLEN, WHITE, ZELANO & BRANIGAN, P.C., 2200 CLARENDON  
BLVD., SUITE 1400, ARLINGTON, VA, 22201  
NUMBER OF CLAIMS: 11  
EXEMPLARY CLAIM: 1  
LINE COUNT: 859  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 10 OF 10 USPATFULL on STN  
ACCESSION NUMBER: 2002:243610 USPATFULL  
TITLE: Drospirenone for hormone replacement therapy  
INVENTOR(S): Heil, Wolfgang, Berlin, GERMANY, FEDERAL REPUBLIC OF  
Hilmann, Juergen, Berlin, GERMANY, FEDERAL REPUBLIC OF  
Lipp, Ralph, Berlin, GERMANY, FEDERAL REPUBLIC OF  
Schuermann, Rolf, Berlin, GERMANY, FEDERAL REPUBLIC OF  
PATENT ASSIGNEE(S): Schering Aktiengesellschaft (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002132801	A1	20020919
APPLICATION INFO.:	US 2001-757688	A1	20010111 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	MILLEN, WHITE, ZELANO & BRANIGAN, P.C., 2200 CLARENDON BLVD., SUITE 1400, ARLINGTON, VA, 22201		
NUMBER OF CLAIMS:	76		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1379		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.


L29 ANSWER 15 OF 19 USPATFULL on STN

ACCESSION NUMBER: 1999:43368 USPATFULL  
TITLE: Steroid sulfatase assay  
INVENTOR(S): Reed, Michael J., London, Great Britain  
Purohit, Atul, South Harrow, Great Britain  
PATENT ASSIGNEE(S): Imperial College of Science, Technology and Medicine,  
London, England (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5891620		19990406
	WO 9615257		19960523
APPLICATION INFO.:	US 1997-836302		19970602 (8)
	WO 1995-GB2638		19951110
			19970602 PCT 371 date
			19970602 PCT 102(e) date

	NUMBER	DATE
PRIORITY INFORMATION:	GB 1994-22777	19941111
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Huff, Sheela	
LEGAL REPRESENTATIVE:	Frommer Lawrence & Haug LLP, Kowalski, Thomas J.	
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EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	32 Drawing Figure(s); 29 Drawing Page(s)	
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CAS INDEXING IS AVAILABLE FOR THIS PATENT.



ACCESSION NUMBER: 2000:98344 CAPLUS  
DOCUMENT NUMBER: 132:117958  
TITLE: Use of biogenic estrogen sulfamates for hormone replacement therapy  
INVENTOR(S): Elger, Walter; Lahteenmaki, Pekka; Lehtinen, Matti; Reddersen, Gudrun; Zimmermann, Holger; Oettel, Michael; Schwarz, Sigfrid  
PATENT ASSIGNEE(S): Jenapharm G.m.b.H & Co. K.-G., Germany  
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DOCUMENT TYPE: Patent  
LANGUAGE: German  
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PATENT INFORMATION:

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WO 2000006175	A1	20000210	WO 1999-DE1496	19990513
W: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HU, ID, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
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BR 9912466	A	20010417	BR 1999-12466	19990513
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R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
TR 200100234	T2	20010621	TR 2001-200100234	19990513
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ZA 2001000743	A	20020508	ZA 2001-743	20010125
NO 2001000468	A	20010327	NO 2001-468	20010126
PRIORITY APPLN. INFO.:			DE 1998-19834931 A	19980728
			WO 1999-DE1496 W	19990513
REFERENCE COUNT: 5			THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT	

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